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CLIPPEDIMAGE= JP409118757A

PUB-NO: JP409118757A

DOCUMENT-IDENTIFIER: JP 09118757 A

TITLE: POLYESTER FILM FOR MAGNETIC RECORDING MEDIUM

PUBN-DATE: May 6, 1997

INVENTOR-INFORMATION:

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INT-CL_(IPC): C08J005/18; C08J005/10 ; C08K003/36 ; C08L067/02 ; G11B005/704

ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a polyester film for a magnetic recording medium, having smoothness and scratch resistance without detriment to electromagnetic transduction characteristics and showing good running performances even under conditions of high temperatures and high humidity using a polyester film containing a specified amount of colloidal silica having a specified particle diameter.

SOLUTION: This polyester film for a magnetic recording medium contains at least 0.005wt.% colloidal silica having a content of particles of a particle diameter of $2a$ (μm) or below of 95wt.% (wherein a (μm) is the mean particle diameter). The polyester of which the polyester film is made mainly consists of a linear polyester such as polyethylene terephthalate or polytetramethylene terephthalate.

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